

Work Order ID 153946

Tuesday, November 29, 2016 11:56:42 AM

153946

Page 1

Item ID: D3031-1 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Loop
Start Date: 12/1/2016 Start Qty: 10.00 ***10*** Cust Item ID:
Required Date: 12/15/2016 Req'd Qty: 10.00 ***10*** Customer:
Reference:

Approvals: Process Plan: **DAS 21 9-89** Date: **NOV 29 2016** Tooling: Date: Run Start ***NR1***
QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3031	Rev B								

100 PURCHASING 0.00 ***100*** **10** **DEC 02 2016** **DAS 13 9-89**
Purchasing

Purchasing Memo 0.00
Issue P/O: **34516** Possible supplier: -Thomas Hardware P/N
TH73 - Austin Hardware P/N 6411G-Description: Footman
Loop-All dimensions are in inches-Tolerances are per Dart QSI 018 unless
otherwise notedMaterial release note

110 Receive & Inspect for Damage & Mat'l Certs 0.00 ***110*** **10** **DEC 07 2016** **DAS 6 9-89**
Packaging Memo 0.03
Packaging Ensure Material Release Note is attached

120 QC6- Inspect dimensions to drawing 0.00 ***120*** **10** **DEC 07 2016** **DAS 38 9-89**
QC Memo 0.00
Quality Control

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
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Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐			FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		
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130 *130* Powdercoat Powder Coating	Grey Sandtex(Ref:4.3.5.6) per OSI005 4.3 <i>M71341858</i> Memo START TIME: <i>10:45</i> OVEN TEMPERATURE: <i>320</i> FINISH TIME: <i>12:15</i>	0.00 0.02				<i>10</i>	<i>0</i>	<i>16-12-13</i>	<i>334</i>
140 *140* QC Quality Control	QC3- Inspect Part Finish Memo	0.00 0.02				<i>10</i>			DAS 38 9-89 DEC 13 2016
150 *150* Packaging Packaging	Identify as per dwg & Stock Location: <i>51014</i> Memo LOCATION: GA	0.00 0.02				<i>10</i>			DAS 38 9-89 DEC 14 2016

DQA: _____ Date: _____



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Picklist Print

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Parent Item: D3031-1

D3031-1

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Start Date: 12/1/2016

Required Date: 12/15/2016

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP A01.05.30New IssueEC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
6411G *6411G* LOOP		Purchased	No			100	Each	0.0000	1 **	10			

DEC 07 2016

DAS
6
9-89

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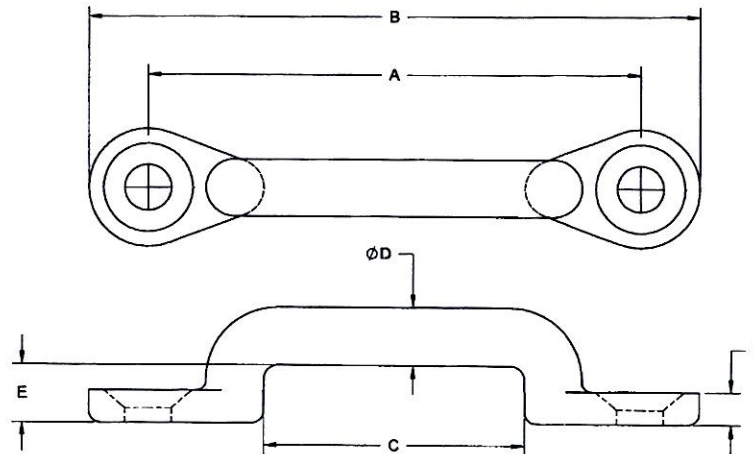
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Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐																																																																

SPECIFICATION CONTROL DRAWING



D3031-X LOOP

DART P/N	A	B	C	ØD	E	F	FINISH	WEIGHT	SUPPLIER	SUPPLIER P/N
D3031-1	3.13	3.64	2.09	0.25	0.31	0.16	POWDER COAT GREY (4.3.5.6) PER DART QSI 005 4.3	0.06 LBS	THOMAS HARDWARE	TH73
D3031-3	2.13	2.64	1.12	0.25	0.25	0.14	NONE	0.04 LBS	AUSTIN HARDWARE	6411G
									AUSTIN HARDWARE	AH 6411-B

△B

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO. 153946 HLT
16-11-29

RELEASED
09/05/05 MIP

- NOTES:
1) MATERIAL: N/A
2) FINISH: SEE TABLE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: NONE
7) WEIGHT: SEE TABLE

B	ADD D3031-3 (B8-1); UPDATE FORMAT TO CURRENT STANDARD	PH	09.04.14
A	NEW ISSUE	CP	01.05.18
REV.	DESCRIPTION	BY	DATE
DESIGN	CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	PH	DRAWING NO.	REV. B
CHECKED	E	D3031	SHEET 1 OF 1
MFG. APPR.	N/A	TITLE	SCALE
APPROVED	[Signature]	LOOP	NTS
DE APPR.	[Signature]	DATE 09.04.14	
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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO34516**

Purchase Order Date 12/2/2016 1:03:55 PM

PO Print Date 12/2/2016

Page Number 1 of 1

Order From :

ROYAL BANK VISA
XXX

XX, X

VU-ROY001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED
DEC 02 2016

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via:

FedEx Overnight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

COD

Currency

USD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extend Pri
	Line Comments		Promise Date				
	Delivery Comments						

1	6411G	LOOP	12/8/2016		10.00	\$0.63	\$6.
			Yes		Each		
			12/8/2016				

AS PER DWG D3031 REV. B
B153946
AUSTIN P/N: 6411G

Line Total: \$6.

3	71401-45	PROCUREMENT QUALITY CLAUSES	12/8/2016		1.00	\$0.00	\$0.
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Procurement Quality Clauses
A005 RIGHT OF ENTRY
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A040 NOTIFICATION OF QUALITY ESCAPE
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

No
12/8/2016

DEC 07 2016

SEP 10 2016

Line Total: \$0.

PO Total: \$6.

PO Instructions: AUSTIN HARDWARE
VISA ACCT: 4514 0310 0959 2060
EXP: 11/17 CID:134

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 12/2/2016

Order Shipped From:

Reading
1001 Rockland St.
Reading, PA 19604
Main Phone: (800) 634-4293



Pack ID 528320	Order Number 908649
Cust ID 10235	PO Number 34516
FOB SHIPPING POINT	Page 1 of 1

Packing Slip

Sold To: Chantal Lavoie
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Ship To:
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Order Date	Ship Date	Ship Via / Account	Ordered Entered By	Terms
12/5/2016	12/5/2016	Fedex Std NDA / 15179324	ELarson	Credit Card

Line / Rel	Austin Part# Customer Part#	Description Customer Part Description	UOM	Order Qty	Ship Qty	Lot Number/ Expiration Date	Total Net Wt
1/1	AH 6411-G ZN	FOOTMAN LOOP	EA	10	10		0.00
DEC 07 2016 520 DAS 38 9-80							

Certificate of Conformance: This is to certify that the above items were supplied in accordance with the description and as illustrated in the catalog

FedEx ONLY: Employee# Project#
GL Acct Code 0
Cost Center Non-Rev#

Joe E. Lenart Operations Manager